

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	66016	aerial topographic\$	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 13:49
L2	828	epipolar	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 13:50
L3	7419	rpc (rational near polynomial near coefficient)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 14:22
L4	0	1 same 2 same 3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 13:51
L5	0	1 and 2 and 3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 14:15
L6	1708	382/154.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 14:20
L7	3884	345/418,419.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 14:21
L8	5375	6 7	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 14:21

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L9	5	1 same 2	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 14:21
L10	76	1 and 2	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 14:21
L11	39	8 and 10	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 14:21
L12	13	8 and 3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 14:22
L13	0	2 and 3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 14:22
L14	0	(aerial and image and (rpc (rational near polynomial near coefficient)) and epipolar and rectified).clm.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 14:23
L15	0	(aerial and image and (rpc (rational near polynomial near coefficient)) and epipolar and rectified)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 14:23
L16	0	(aerial and image and (rpc (rational near polynomial near coefficient)) and epipolar and rectified)".clm"	US-PGPUB	OR	ON	2007/02/12 14:24



aerial and rpc and epipolar

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J Grodecki, G Dial - Proceedings of ISPRS Joint Workshop "High Resolution ...", 2001 - satimagingcorp.com
 ... Unlike the **aerial** blocks, the overlap requirement for IKONOS ... 3 stereo Precision Stereo

Epipolar or Map 2m ... uses the Rational Polynomial Camera (**RPC**) model, also ...

[Cited by 23](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

[Matching of Ikonos stereo and multitemporal GEO images for DSM generation - group of 3](#)

»

L Zhang, M Pateraki, E Baltsavias - Proc. Map Asia, 2002 - photogrammetry.ethz.ch
 ... 2.1 Melbourne Dataset The first dataset comprised a stereopair of **epipolar**-resampled
 Geo ... could be used for our Ikonos sensor model and **aerial** image orientation ...

[Cited by 5](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

[Very High Resolution Satellite Image Triangulation](#)

LC Ke, W Wolniewicz - Imaging, 1999 - open-dragon.org

... The method **RPC** (Rational Polynomial Coefficients) in the ... Orthorectification, Linear
 Array CCD, **Epipolar** Plane, Perspective ... corresponding to the **aerial** images in ...

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[Product Survey on DPW - group of 2 »](#)

G Card, SI Types, S Convolution, A Matching, TO ... - socetset.com

... low-level interface 64Mb/128Mb 21"/1280x1024 On the fly **epipolar** rectification/
 active ... to the traditional central projective im- ages of **aerial** cameras, both ...

[Related Articles](#) - [Web Search](#)

[The Rational Function Model \(RFM\) in Photogrammetric Mapping: Method and Accuracy - group of 2 »](#)

JZ Xu - geolct.yorku.ca

... Mosaic **Aerial** Triangulation ... But image vendors release image to users with only **RPC**
 coefficient instead of the rigorous model intentionally or unintentionally. ...

[Related Articles](#) - [View as HTML](#) - [Web Search](#)

[3-D Shoreline Extraction from IKONOS Satellite Imagery - group of 6 »](#)

R Li, K Di, R Ma - Marine Geodesy, 2003 - Taylor & Francis

... images that are resampled using **epipolar** geometry by ... is the shoreline from the 1997
aerial orthophotographs and ... IKONOS stereo feature extraction—**RPC** approach ...

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[GEODEC: ENABLING GEOSPATIAL DECISION MAKING - group of 2 »](#)

C Shahabi, YY Chiang, K Chung, KC Huang, J ... - infolab.usc.edu

... building models from two or more **aerial** or satellite ... be rectified (ie have parallel
epipolar lines); however ... satellite images with accompanying **RPC** camera models ...

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[3-D SHORELINE EXTRACTION FROM IKONOS SATELLITE IMAGERY](#)

R Ma, K Di, R Li - shoreline.eng.ohio-state.edu

... images that are resampled using **epipolar** geometry by ... from the 1997 **aerial**
 orthophotographss and the spurred ... IKONOS stereo feature extraction – **RPC** approach. ...

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[3D building reconstruction from high-resolution Ikonos stereo-imagery - group of 3 »](#)
CS Fraser, E Baltsavias, A Gruen - ... Extraction of Man-Made Objects From Aerial and Space Images ...,
2001 - 129.132.26.4
... and in the case of a stereopair it is **epipolar** resampled ... 9. From top to bottom:
buildings in **aerial** images (pixel ... Ikonos stereo feature extraction - **RPC** approach ...
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[Spatiotriangulation with multisensor HR stereo-images - group of 3 »](#)
T Toutin - Geoscience and Remote Sensing, IEEE Transactions on, 2006 - [ieeexplore.ieee.org](#)
... and blocks of **aerial** stereo photos are ... a rational polynomial coefficient
(**RPC**)cameramodelfile.TheRPCfileenablesphotogrammetric ... in a quasi-**epipolar** map-oriented ...
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[G Dial](#)

3D CITY MODELING FROM HIGH-RESOLUTION SATELLITE IMAGES - group of 2 »

S Kocaman, L Zhang, A Gruen, D Poli - photogrammetry.ethz.ch

... GCP measurements, image georeferencing with **RPC** approach and other ... from images of satellite, **aerial** and terrestrial ... (d) Derivation of quasi-**epipolar** images for ...

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rpc) Ikonos Geo stereo Images: Geometric Potential and Suitability for 3D Building Reconstruction

C Fraser, EP Baltsavias, A Gruen - Photogrammetrie-Fernerkundung-Geoinformation, Geodaten ..., 2001 - photogrammetry.ethz.ch

... conditions or aspects of the **epipolar** resampling of ... roof structure as measured from **aerial** images (left ... 2001): Ikonos stereo feature extraction - **RPC** approach. ...

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END-TO-END PHOTOGRAMMETRY FOR NON-PROFESSIONAL PHOTOGRAMMETRISTS - group of 2 »

KJ de Venecia, R Racine, AS Walker - Conference Proceedings, 2005 ASPRS Annual Conference, 2005 - socetset.com

... This option works well for vertical **aerial** imagery, but may not be the best ... IKONOS

(4) Pan Sharpened 3 band 11 bit/band Stereo **Epipolar RPC** Sensor Model Ground ...

[Cited by 1](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

Photogrammetric exploitation of IKONOS imagery for mapping applications - group of 3 »

CV Tao, Y Hu, W Jiang - International Journal of Remote Sensing, 2004 - Taylor & Francis

... resampled to **epipolar** geometry with **epipolar** resampling errors ... For IKONOS imagery, the **RPC** model differs from ... several stereo pairs of **aerial** photography and ...

[Cited by 6](#) - [Related Articles](#) - [Web Search](#) - [BI Direct](#)

Geometric processing of IKONOS Geo stereo imagery for coastal mapping applications - group of 4 »

K Di, R Ma, R Li - Photogrammetric Engineering and Remote Sensing, Accepted, 2002 - shoreline.eng.ohio-state.edu

... resampled to **epipolar** images (Grodecki, 2001), the y ... of Man-made Objects from **Aerial** and Space ... IKONOS stereo feature extraction – **RPC** approach, Proceedings of ...

[Cited by 9](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#) - [BI Direct](#)

3D Precision Processing of High Resolution Satellite Imagery

A Gruen, L Zhang, H Eisenbeiss - ASPRS 2005 Annual Conference, Baltimore, USA, 2005 - photogrammetry.ethz.ch

... automated modes (d) Derivation of quasi-**epipolar** images for ... sources such as the traditional **aerial** photos, and has ... For all IKONOS images, the **RPC** camera model ...

[Cited by 2](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

Quality assessment of digital surface models generated from IKONOS imagery. - group of 5 »

J Poon, CS Fraser, Z Chunsun, Z Li, A Gruen - Photogrammetric Record, 2005 - ingentaconnect.com

... be captured by scanned stereoscopic **aerial** images, while ... bias-free application of **RPC** positioning without ... The quasi-**epipolar** geometry and the approximate DSM ...

[Cited by 3](#) - [Related Articles](#) - [Web Search](#)

Processing of Ikonos imagery for submetre 3D positioning and building extraction - group of 5 »

CS Fraser, E Baitsavias, A Gruen - ISPRS Journal of Photogrammetry and Remote Sensing, 2002 - 129.132.26.4

... imagery comprised a stereopair of **epipolar**- resampled Geo ... Features of three-image **RPC** spatial intersection are ... scale wide-angle colour **aerial** photography of ...

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Geometric Invariants for Rational Polynomial Cameras - group of 4 »

EB Barrett, PM Payton - Proceedings of Applied Imagery Pattern Recognition Workshop, 2000 - doi.ieeecs.org

... we will derive some initial results on geometric invariants for **RPC** cameras, contrast ...

Figure 1. Two **Aerial** Imaging Systems, 3D Object, and Map Referring to the ...

[Cited by 1](#) - [Related Articles](#) - [Web Search](#)

DEM Generation from Satellite Data - group of 3 »

K Jacobsen - EARSeL Ghent, 2003 - ipi.uni-hannover.de

... erated by traditional photogrammetry based on **aerial** photos if ... The **RPC**'s are determined by the direct sen ... the ground point on an **epipolar** plane, intersecting ...

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Sub-metre geopositioning with Ikonos GEO imagery - group of 2 »

CS Fraser, HB Hanley, T Yamakawa - Proc. Joint ISPRS Workshop High Resolution Mapping from ..., 2001 - photogrammetry.ethz.ch

... the case of a stereopair it is **epipolar** resampled ... Automated Extraction of Man-Made Objects from **Aerial** and Space ... Ikonos stereo feature extraction - **RPC** approach ...

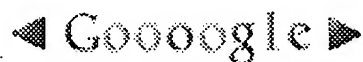
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Interpretability and Accuracy of High Resolution Space Images for 1: 10,000 Topographic Mapping in ...

X Huixian, CPDJL van Genderen - itc.nl

... with panchromatic sensor is 0.82m. The high resolution makes it possible to replace **aerial** photos in ... A stereo pair can be produced in **epipolar** or map projection ...

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DNEW ZEALAND - divcom.otago.ac.nz

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[\[book\] A Dual Source, Parallel Architecture for Computer Vision.](#)

NR Scaife - 2000 - mcs.hw.ac.uk

Page 1. A Dual Source, Parallel Architecture for Computer Vision by Norman Raymond Scaife Submitted for the Degree of Doctor of Philosophy ...

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NHF Beebe - math.utah.edu

... Adroit [1736]. Advanced [340, 1326, 433, 384]. Advances [1627, 2113, 1626]. Advantage [160]. Aerial [2113]. Aeronautics [113]. Aesthetic [2196]. ...

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[3D-Gebäudeextraktion aus Satellitenbildern suburbaner Regionen - group of 2 »](#)

M Mosch - 2006 - deposit.ddb.de

... detection of buildings in aerial photography has been the focus of research ... Rational Polynomial Coefficients, RPC Parameter für die Anwendung des RFM auf eine ...

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